



PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-135511
(43)Date of publication of application : 18.05.2001

(51)Int.CI. H01F 1/08
B22F 3/24
C22C 38/00
C23C 30/00
H01F 1/053
// C23C 18/31

(21)Application number : 11-318060 (71)Applicant : SUMITOMO SPECIAL METALS CO LTD
(22)Date of filing : 09.11.1999 (72)Inventor : MAKITA AKIRA Nomi MASAO SAIGO TSUNEKAZU

(54) MICROMINIATURE MAGNET EXCELLENT IN ANTICORROSION

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent deterioration of squareness ratio of a demagnetizing curve after an anticorrosion covering film is coated, in a microminiature Nd-Fe-B based sintered magnet wherein single weight is at most 1 g and the surface is coated.

SOLUTION: Electroless plating or vapor plating is adopted as a means for forming a covering film. Quantity of hydrogen contained in magnet base material and the covering film is controlled to be at most 100 ppm. As a result, deterioration of squareness ratio of a demagnetizing curve can be prevented.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision]

BEST AVAILABLE COPY

[of rejection or application
converted registration]

[Date of final disposal for
application]

[Patent number]

[Date of registration]

[Number of appeal against
examiner's decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPIE